



PATENT  
Attorney Docket No.: SAM-0548  
Customer No.: 29344  
*Coye*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Youn-cheul Kim  
U.S. Serial No.: 10/804,936  
Filing Date: March 19, 2004  
Patent Number: 7,116,149 B2  
Issue Date: October 3, 2006  
Examiner: Cox, Cassandra F.  
Group Art Unit: 2816  
Title: DUTY CYCLE CORRECTION CIRCUIT OF DELAY  
LOCKED LOOP AND THE DELAY LOCKED LOOP  
HAVING THE DUTY CYCLE CORRECTION CIRCUIT

CERTIFICATE OF MAILING UNDER 37 C.F.R § 1.8

I hereby certify that this correspondence is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

1/12/07

Date

*Seth Pitman*

Seth Pitman

Certificate of Corrections Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Sir:

Enclosed herewith for filing in the above-identified patent application please find the following:

1. Petition for Certificate of Correction under 37 C.F.R. § 1.322;
2. Certificate of Correction; and
3. Return Postcard

In connection with the foregoing matter, please charge any additional fees which may be due, or credit any overpayment, to Deposit Account Number 50-1798. A duplicate copy of this letter is provided for this purpose.

Respectfully submitted,

*Steven M. Mills*

Steven M. Mills  
Registration Number 36,610  
Attorney for Applicants

Date: 1/12/07  
Mills & Onello, LLP  
Eleven Beacon Street, Suite 605  
Boston, MA 02108  
Telephone: (617) 994-4900  
Facsimile: (617) 742-7774  
J:\SAM\0548\CofC\transcertcor.wpd

*Certificate  
of Correction*  
JAN 18 2007

*JAN 19 2007*



PATENT  
Attorney Docket No.: SAM-0548

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Youn-cheul Kim  
U.S. Serial No.: 10/804,936  
Filing Date: March 19, 2004  
Patent Number: 7,116,149 B2  
Issue Date: October 3, 2006  
Examiner: Cox, Cassandra F.  
Group Art Unit: 2816  
Title: DUTY CYCLE CORRECTION CIRCUIT OF DELAY  
LOCKED LOOP AND THE DELAY LOCKED LOOP  
HAVING THE DUTY CYCLE CORRECTION CIRCUIT

---

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

1/12/07

Date

Seth Pitman

---

Certificate of Corrections Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

PETITION FOR CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.322

Sir:

The patentee of the above-identified patent, through its attorney, hereby petitions for issuance of a Certificate of Correction in the above-identified patent. A certificate is required to correct the errors in the claims as follows:

Column 7, line 48, delete "of,"

*JAN 19 2007*

Applicant(s): Youn-cheul Kim  
Serial No.: 10/804,936

Column 8, line 19, delete "claim 6" and insert --claim 4--

Column 8, line 22, delete "claim 6" and insert --claim 4--

Column 9, line 5, delete "to the" and insert --and a--

Column 9, line 6, after "node," insert --and transmits a signal of the second differential output terminal to the second node,--

It is respectfully requested that a Certificate of Correction be issued to correct the errors in the claims.

The correction is not believed to involve such change as would constitute new matter or require examination. Since the error is the fault of the United States Patent and Trademark Office, it is believed that no fee is due.

Respectfully submitted,

Date: 1/12/07  
Mills & Onello, LLP  
Eleven Beacon Street, Suite 605  
Boston, MA 02108  
Telephone: (617) 994-4900  
Facsimile: (617) 742-7774  
J:\SAM\0548\CofC\petitcertcorr.wpd

  
Steven M. Mills  
Registration Number 36,610  
Attorney for Applicant

UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTIONPage 1 of 1

PATENT NO. : 7,116,149 B2

APPLICATION NO.: 10/804,936

ISSUE DATE : October 3, 2006

INVENTOR(S) : Youn-cheul Kim

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 7, line 48, delete "of,"

Column 8, line 19, delete "claim 6" and insert --claim 4--

Column 8, line 22, delete "claim 6" and insert --claim 4--

Column 9, line 5, delete "to the" and insert --and a--

Column 9, line 6, after "node," insert --and transmits a signal of the second differential output terminal to the second node,--

## MAILING ADDRESS OF SENDER (Please do not use customer number below):

Mills & Onello LLP  
Eleven Beacon Street, Suite 605  
Boston, Massachusetts 02108

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

*JAN 19 2007*